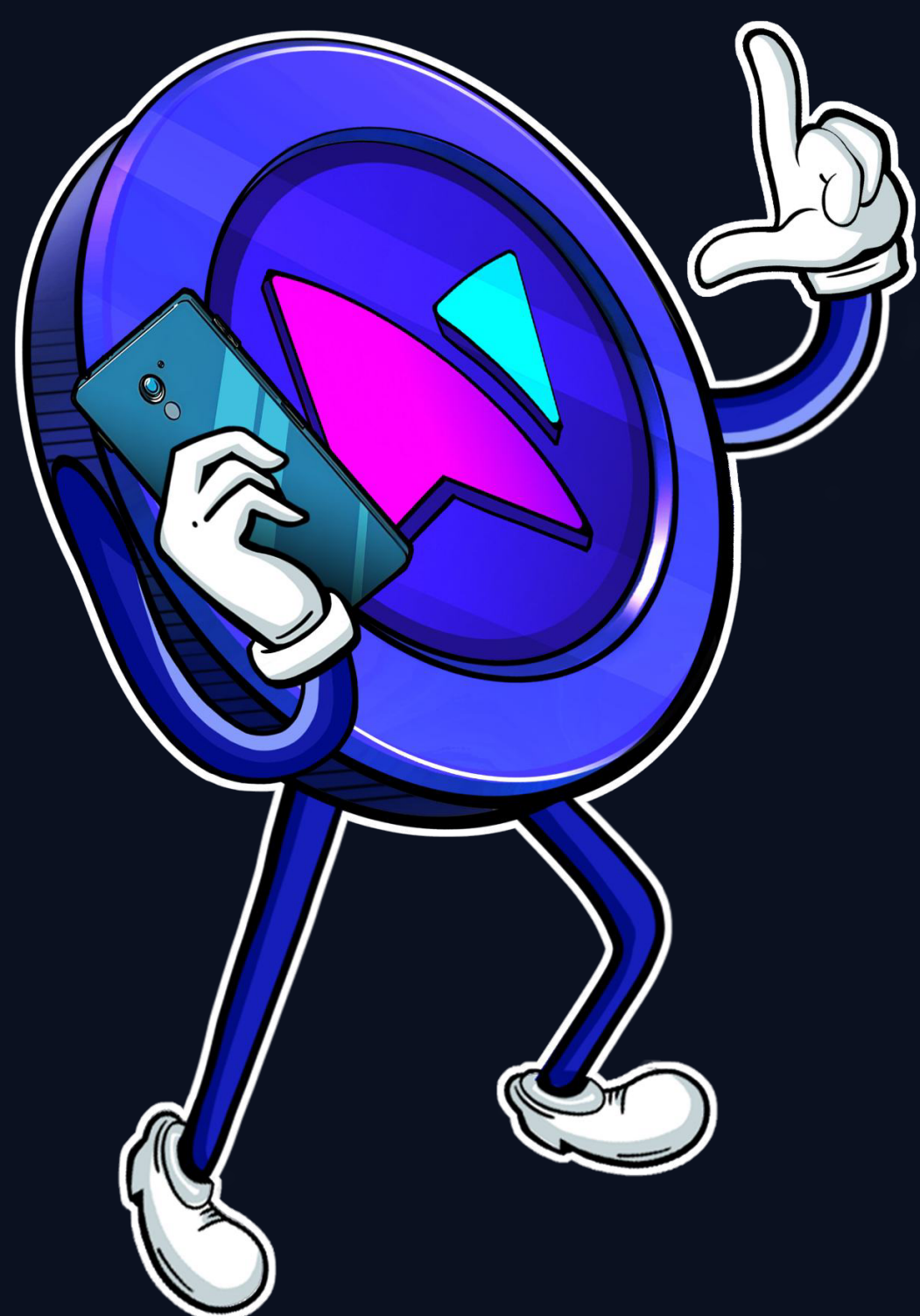


The MNTx Ecosystem Guide: Blockchain & DeFi Terminology Explained

A practical guide to understanding and navigating the MNTx ecosystem - from fundamentals to real-world utility

Whether you're new to Web3 or deep in the ecosystem, this guide is designed as a quick reference for navigating MNTx with confidence.



MNTX ECOSYSTEM



How the MNTx ecosystem connects infrastructure, users, and rewards

MNTX CORE

MNTx

Minutes Network Token X

The native ERC-20 utility token of the Minutes Network ecosystem.

SIP

SIP (Mascot)

The official mascot of Minutes Network Token X, representing the project's identity across community channels, branding, and social media.

DePIN

Decentralised Physical Infra Network

A model where physical infrastructure is owned and operated by distributed participants. Minutes Network's 3,000 telecom nodes form its DePIN layer.

Staking

Staking (MNTx)

The process of locking tokens into a network to support its operation and earn rewards. Staking MNTx tokens into Switch or Validation Nodes to secure the network and qualify for epoch rewards. Staking is the primary utility function of the token.

Epoch

Epoch

The reward calculation period in the MNTx ecosystem. Each epoch runs from the 25th of one month to the 25th of the following month. Staking positions are evaluated at the close of each epoch.

Burn

Burn

The permanent removal of tokens from circulation by sending them to an unusable blockchain address. In the MNTx ecosystem, burn rates are dynamically determined by the ratio of staked tokens to circulating supply.

Algorithmic Purchases

Algorithmic Purchases

Automated market purchases executed by algorithms according to predefined rules. In the MNTx ecosystem, 100% of net revenue is used to algorithmically purchase MNTx as payment for DePIN service fees, then distributed as rewards.

Delegated Staking

Delegated Staking

A mechanism allowing token holders to stake their tokens through another validator or node operator and share in the rewards. In the MNTx system, delegated rewards are subject to a 50% burn before distribution.

Delegated Node

Delegated Public Validation Node

The single validation node reserved for public participation, allowing MNTx holders who do not own a private node to stake their tokens and share in rewards. Rewards on this node are subject to a 50% burn before distribution.

TGE

Token Generation Event

The event where a project's tokens are first created and issued on the blockchain. The TGE was Monday, April 14th 2025.

Switch Node

Switch Node

One of 500 infrastructure nodes that route and process voice-call traffic on Minutes Network. Requires a minimum stake of 50,000 MNTx. Provides capacity to terminate up to 72 million minutes per day.

Validation Node

Validation Node

One of 2,500 infrastructure nodes that monitor network health, call quality, and integrity. Requires a minimum stake of 10,000 MNTx. One node is reserved for public delegated staking.

Unity

Unity Network

A people-powered telecom edge network where smartphone users verify the telecom grid and generate network incentives. Partnerships include Shiba Inu, Polkadot, ZkSync, Dash, Nano, and more.

Jingle

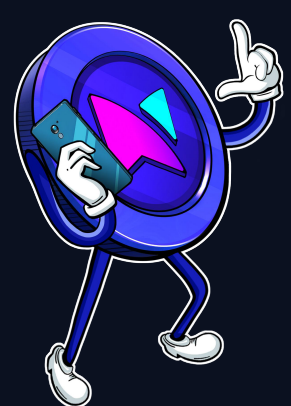
Jingle Plugin

Minutes Network's proprietary SDK that integrates with mobile applications, onboarding entire user bases as reachable endpoints on the network without disrupting the existing user experience.

WMC

World Mobile Chain

The blockchain used by MNTx as a traceability layer for cost-effective data settlement. WMC's multi-chain architecture performs rollups on other public blockchains as an additional trust layer.



BLOCKCHAIN FOUNDATIONS

The core technology powering the MNTx network



FOUNDATIONS

Blockchain

Blockchain

A distributed digital ledger that records transactions across a network of computers. Each block is cryptographically linked to the previous one, forming an immutable chain. MNTx transactions are recorded on the Ethereum blockchain.

L1

Layer 1

The base blockchain network itself. L1 handles consensus, security, and final settlement of all transactions. MNTx is deployed as an ERC-20 token on Ethereum, which acts as its Layer-1 settlement layer.

L2

Layer 2

Protocols built on top of Layer-1 blockchains to improve scalability by processing transactions off-chain and settling them back on the main chain. In the MNTx ecosystem, additional settlement and traceability layers are used.

Rollup

Rollup

An L2 scaling technique that bundles multiple transactions together and submits them as a single transaction on L1. This reduces gas fees and increases throughput while inheriting L1 security.

ZK Rollup

Zero-Knowledge Rollup

A type of rollup that uses cryptographic proofs to verify transaction validity without revealing the underlying data. ZK rollups offer strong privacy and security guarantees while scaling L1 capacity.

Smart Contract

Smart Contract

Self-executing code deployed on a blockchain that automatically enforces the terms of an agreement when predefined conditions are met. MNTx reward distribution and algorithmic burns are executed via smart contracts.

ERC-20

Ethereum Token Standard

The most widely adopted technical standard for creating fungible tokens on Ethereum. MNTx is an ERC-20 token, ensuring compatibility with wallets, exchanges, and DeFi protocols.

Token

Token

A digital asset created and managed on a blockchain representing value, utility, or access rights. MNTx is a utility token used for staking, rewards, and payments within the Minutes Network ecosystem.

NFT

Non-Fungible Token

A unique digital asset recorded on a blockchain that represents ownership of a specific item or resource. In the MNTx ecosystem, Switch Nodes, Validation Nodes, and Unity Node and Operator Software Licenses are represented as NFTs.

Minting

Minting

The process of creating a new token or NFT on the blockchain by recording it to the ledger for the first time. MNTx node NFTs were minted when operators claimed their infrastructure positions.

Gas

Gas / Gas Fee

A fee paid to execute transactions or smart contract operations on a blockchain. Fees compensate validators for processing transactions and fluctuate based on network demand. For example, transferring MNTx requires ETH for gas fees as the token is on the Ethereum network.

Block

Block

A collection of transactions grouped together and added to the blockchain. Each block is verified by the network and permanently recorded. Every MNTx transfer is included in an Ethereum block.

Hash

Hash

A fixed-length string generated by a cryptographic function from input data. Hashes verify data integrity. Each block contains the hash of the previous block, securing the chain.

Node

Node (Blockchain)

A computer that runs blockchain software and maintains a copy of the blockchain. Some nodes also validate transactions. Not to be confused with MNTx infrastructure nodes, which are telecom DePIN nodes.

Validator

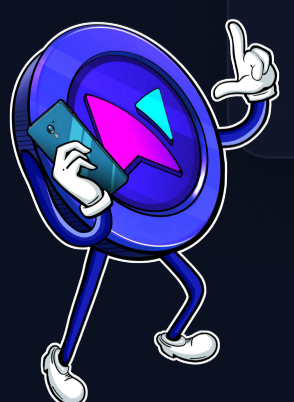
Validator

A network participant that verifies and confirms transactions on a Proof of Stake blockchain. Validators lock up tokens as collateral and are rewarded for honest participation. Ethereum validators process MNTx transactions.

Consensus

Consensus Mechanism

The method by which a blockchain network agrees on the current state of the ledger. Common mechanisms include Proof of Work and Proof of Stake.



DEFI & MARKETS

How value flows across the MNTx and broader Web3 ecosystem

MARKETS

DeFi

Decentralised Finance

Financial services built on blockchain technology that operate without traditional intermediaries. DeFi includes lending, borrowing, trading, and yield generation through smart contracts.

DEX

Decentralised Exchange

A platform for trading cryptocurrencies directly between users without a central authority. DEXs use smart contracts to facilitate trades. MNTx can be traded on DEXs that support ERC-20 tokens.

CEX

Centralised Exchange

A cryptocurrency trading platform operated by a company that acts as an intermediary between buyers and sellers. MNTx is trading on MEXC, BingX, and Bitmart.

Swap

Swap

The process of exchanging one cryptocurrency or token for another, typically through a DEX or automated protocol. Users can swap ETH or other tokens for MNTx on supported platforms.

Liquidity

Liquidity

The ease with which a token can be bought or sold without significantly affecting its price. Higher liquidity means tighter spreads and smoother trading for MNTx holders.

Liquidity Pool

Liquidity Pool

A smart contract containing token pairs that enables trading on a DEX. Pools are funded by liquidity providers and facilitate automated market making.

Liquidity Provider

Liquidity Provider

A user who deposits tokens into a liquidity pool and earns a share of the trading fees generated by swaps executed against that pool.

Market Cap

Market Capitalisation

The total value of a token's circulating supply, calculated by multiplying the current token price by the number of tokens in circulation. MNTx market cap reflects the value of all circulating MNTx tokens.

Circulating Supply

Circulating Supply

The number of tokens currently available and tradable in the market, excluding locked or unreleased tokens.

TVL

Total Value Locked

The total amount of assets deposited in a DeFi protocol or smart contract. TVL is a key metric for measuring the size and adoption of DeFi platforms.

Volume

Trading Volume

The total amount of a token traded over a specific period, usually 24 hours. Higher volume generally indicates greater market interest. MNTx volume can be tracked on CoinMarketCap and CoinGecko which shows the trading on DEX, MEXC, BingX, and Bitmart.

Slippage

Slippage

The difference between the expected price of a trade and the price at which it actually executes. Slippage occurs in low-liquidity environments or during high volatility.

Tokenomics

Tokenomics

The economic model governing a token's supply, distribution, utility, and incentive structures. MNTx tokenomics include a 500M capped supply, staking rewards, and an algorithmic burn.

APY

Annual Percentage Yield

The annualised return on an investment including the effect of compounding. APY reflects the total amount earned over a year when returns are reinvested.

APR

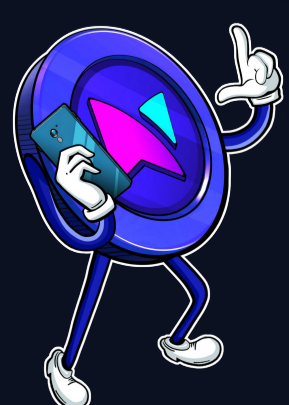
Annual Percentage Rate

The annualised return on an investment without accounting for compounding. APR represents the simple interest rate over a year.

MEV

Maximal Extractable Value

The profit that validators can capture by reordering, inserting, or censoring transactions within a block. MEV can affect trade execution and fairness on decentralised exchanges.



WALLETS & SECURITY

How you access, control, and secure your digital assets



SECURITY

Wallet

Wallet

Software or hardware that stores the private keys needed to access and manage cryptocurrency. To hold, store, or trade MNTx, users need an Ethereum-compatible wallet such as MetaMask.

Custodial Wallet

Custodial Wallet

A wallet where a third party (such as an exchange) holds and manages your private keys on your behalf. MNTx held on MEXC, BingX, or Bitmart is stored in custodial wallets.

Non-Custodial Wallet

Non-Custodial Wallet

A wallet where the user has full control of their own private keys. MNTx network users receive non-custodial wallets for their role rewards, giving them direct ownership.

Seed Phrase

Seed Phrase

A series of 12 or 24 words generated using the BIP-39 standard when creating a wallet. This phrase is the master backup for the wallet. Anyone with the seed phrase can access the funds. Must be stored securely and never shared.

Private Key

Private Key

A cryptographic key that proves ownership of a blockchain address and authorises transactions. Must be kept secret. Losing your private key means losing access to your MNTx tokens permanently.

Public Key

Public Key / Address

The blockchain address that can be shared publicly to receive tokens. Your Ethereum address is your public key for receiving MNTx. Derived from the private key but cannot be used to reverse-engineer it.

KYC

Know Your Customer

Identity verification procedures required by regulators. MNTx is using ShuftiPro as KYC provider.

DYOR

Do Your Own Research

A common principle in the crypto space encouraging individuals to thoroughly research any project, token, or investment before committing funds.

Airdrop

Airdrop

Free distribution of tokens to wallet addresses, often used for marketing or community rewards.

